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(21)Application number : **2000-124626** (71)Applicant : **CONSORTIUM
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**(54) HYDROLYTIC RING-OPENING FOR THIAZOLIDINE DERIVATIVES,
PRODUCTION OF CYSTEINE, CYSTEINE METHYL ESTER OR CYSTEINE
ETHYL ESTER AND PRODUCTION OF PENICILLAMINE**

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a process for hydrolytic cleavage of thiazolidine derivatives, particularly thiazoline-4-carboxylic acid and thiazolidine-4-carboxylic acid derivative.

SOLUTION: In the hydrolytic cyclization of a thiazolidine derivative into 2-aminomercaptane derivative and a carbonyl compound, an aqueous solution of thiazolidine derivative is brought into contact with an acidic cationic ion-exchanger of the H⁺ type to obtain the solution L1 containing a carbonyl compound. Further, this cationic ion-exchanger is separated by elution with a suitable eluent whereby a solution L2 containing 2-aminomercaptane derivative is obtained.

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